



Docket: HSJ920030181US1

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**INVENTORS:**            **Duan et al.**

**SERIAL NO.:**           **10/632,768**                      **GROUP ART UNIT: 2862**

**FILED:**                **08/01/03**                      **EXAMINER: Reena Aurora**

**FOR:**                  **Method Of Detecting Polarity Reversal In A**  
                              **Magnetoresistive Sensor**

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Commissioner for Patents  
Alexandria, VA 22313-1450

**RESPONSE TO OFFICE ACTION**

Dear Sir:

In response to the Office Action dated March 30, 2005, please enter the following amendments and remarks in the above identified patent application.